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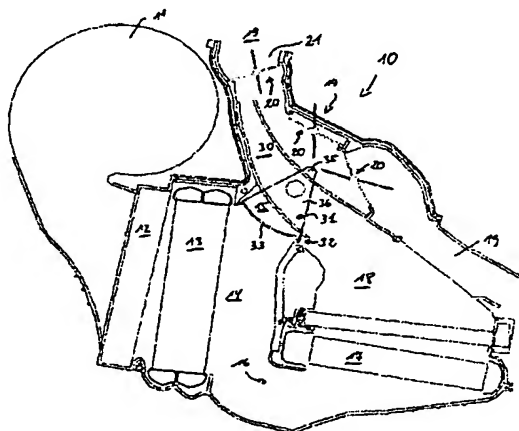
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(54) Title: AIR-CONDITIONING DEVICE FOR VEHICLES AND METHOD FOR THE OPERATION OF AN AIR-CONDITIONING DEVICE

(54) Bezeichnung: KLIMATISIERUNGSEINRICHTUNG FÜR FAHRZEUGE SOWIE VERFAHREN ZUM BETREIBEN EINER KLIMATISIERUNGSEINRICHTUNG



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(57) Abstract: The invention relates to an air-conditioning device and to a method for the operation of an air-conditioning device. The aim of the invention is to improve current air-conditioning devices such that a desired level of temperature inside the motor vehicle changes as little as possible and the windows are kept mist-free. As a result, each bypass channel, which guides the heat exchanger to an air outlet channel, is associated with a mixing flap in order to control the warm air flow passing through the bypass channel.

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Declaration under Rule 4.17:

- of inventorship (Rule 4.17(iv)) for the following designation US

(57) **Zusammenfassung:** Die vorliegende Erfindung betrifft eine Klimatisierungseinrichtung sowie ein Verfahren zu betreiben einer Klimatisierungseinrichtung. Aufgabe der Erfindung ist es, Klimatisierungseinrichtungen dahingehend zu verbessern, dass durch das Aufrechterhalten beschlagfreier Scheiben eine gewünschte Temperaturschichtung im Fahrzeuginnenraum möglichst wenig gestört wird. Erfindungsgemäss ist dabei vorgesehen, dass jedem Bypasskanal, der von dem Wärmetauscher in einen Luftaustrittskanal führt, eine Mischklappe zum Steuern des Warmluftstromes durch den Bypasskanal zugeordnet ist.